

# Recombinant Full Length Human CPXM1 Protein, GST-tagged

**Cat. No.** CPXM1-2243HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CPXM1 full-length ORF ( AAH63430.1, 1 a.a. - 734 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 734 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | This gene likely encodes a member of the carboxypeptidase family of proteins. Cloning of a comparable locus in mouse indicates that the encoded protein contains a discoidin domain and a carboxypeptidase domain, but the protein appears to lack residues necessary for carboxypeptidase activity.[provided by RefSeq, May 2010]                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 108.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | <p>MWGLLLALAAFAVGPALGAPRNSVLGLAQPGTTKVPGLTPALHSSPAQPPAETA<br/> NGTSEQHVIRIRVIKKKKVIMKKRKKLTLTRPTPLVTAGPLVTPTPAGTLDPAEKQETG<br/> CPPLGLESRLVSDSRLEASSSQSFGLGPHRGRLNIQSGLEDGDLYDGAWCAEEQD<br/> ADPWFQVDAGHPTRFSGVITQGRNSVWRYDWVTSYKVQFSNDSRTWWGSRNHS<br/> SGMDAVFPANSDPETPVLNLLPEPQVARFIRLLPQTLWLGAGAPCLRAEILACPVSDP<br/> NDLFLEAPASGSSDPLDFQHHNYKAMRKLKQVQECPNITRIYSIGKSYQGLKLYV<br/> MEMSDKPGEHELGEPEVRYVAGMHGNEALGRELLLLLMQFLCHEFLRGNPRVTRL<br/> LSEMRIHLLPSMNPDGYEIAYHRGSELVGWAEGRWNNQSIDLNHNFADLNTPLWEA<br/> QDDGKVPHIVPNHHLPLPTYYTLPNATVAPETRAVIKWMKRIPFVLSANLHGGEVLV</p> |

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SYPFDMTRTPWAAARELTPTPDDAVFRWLSTVYAGSNLAMQDTSRRPCHSQDFSVH  
 GNIINGADWHTVPGSMNDFSYLHTNCFEVTVELSCDKFPHENELPQEWENNKDALL  
 TYLEQVRMGIAGVVRDKDELGIADAVIAVDGINHDVTTAWGGDYWRLLTPGDYMV  
 TASAEGYHSVTRNCRVTFEEGPFPCNFVLTKTPKQRLRELLAAGAKVPPDLRRRLE  
 RLRGQKD

**Applications**  
 Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**  
 Best use within three months from the date of receipt of this protein.

**Storage**  
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**  
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**  
[CPXM1 carboxypeptidase X \(M14 family\), member 1 \[ Homo sapiens \]](#)

**Official Symbol**  
[CPXM1](#)

**Synonyms**  
 CPXM1; carboxypeptidase X (M14 family), member 1; carboxypeptidase X (M14 family) , CPXM; probable carboxypeptidase X1; carboxypeptidase like protein X1; CPX 1; CPX1; metallocarboxypeptidase CPX-1; carboxypeptidase-like protein X1; CPXM

**Gene ID**  
[56265](#)

**mRNA Refseq**  
[NM\\_001184699](#)

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| Protein Refseq | NP_001171628 |
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| MIM | 609555 |
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| UniProt ID | Q96SM3 |
|------------|--------|

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